

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	58660	document same (relev\$4 ran\$7 weigh\$5 scor\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L2	7	(document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L3	7295	(document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L4	4207	((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L5	855	((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L6	50461	edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L7	11706	(edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L8	6789	((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L9	706	((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36

## EAST Search History

L10	480	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L11	124	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L12	41947	decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L13	2112	(decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L14	1260	((decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L15	2	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & (((decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L16	13821	11& ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) same funtion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36

## EAST Search History

L17	0	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) same funtion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L18	0	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with funtion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L19	124	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L20	82	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36

## EAST Search History

L21	29	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & sentences	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L22	29	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & sentences	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L23	82	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L24	29	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & sentences ) & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36

## EAST Search History

L25	29	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & sentences ) & ((text phase sentenc\$5) same summar\$5)) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L26	20	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000") & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & sentences ) & ((text phase sentenc\$5) same summar\$5)) & @ay<="2000") & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L27	1426	(edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L28	554	((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L29	137	((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36

## EAST Search History

L30	81	(((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)) & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L31	81	(((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)) & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L32	81	(((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)) & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & (edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L33	9073	"76" & ( local same global)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
L34	18	((((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)) & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & (edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6))) & ( local same global)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36

## EAST Search History

L35	26	(((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)) & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & (edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6))) & normaliz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L36	15	(((((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & @ay<="2000") & ((text phase sentenc\$5) same summar\$5)) & ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) with function)) & ((decompos\$5 resolv\$4 reduc\$5 disunited) same summar\$5)) & (edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6))) & normaliz\$5) & ( local same global)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L37	75	((((decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L38	48	((((decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L39	48	((((decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L40	0	(709/9,10).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37
L41	0	(709/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37
L42	1341	(704/9,10).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37

## EAST Search History

L43	6	(US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/07/05 14:37
L44	6	(US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/07/05 14:37
L45	1	((704/9,10).CCLS.) & ((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L46	1166	(715/530).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37
L47	0	((715/530).CCLS.) & ((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L48	8041	(707/3,5).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37
L49	2	((707/3,5).CCLS.) & ((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L50	2	((707/3,5).CCLS.) & ((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.)) & (term\$1 same frequency)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L51	0	((707/3,5).CCLS.) & ((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.)) & (term\$1 adj frequency)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L52	1	((707/3,5).CCLS.) & ((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.)) & (term\$1 near3 frequency)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37



## EAST Search History

L53	0	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & (text adj summar\$5)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L54	1	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & (text near3 summar\$5)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L55	3	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & (frequency near3 vector)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L56	1	("5,835,905").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37
L57	0	((("5,835,905").PN.) & "vector represents the presence or frequency of occurrence of a word in the document"	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L58	1	((("5,835,905").PN.) & vector	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L59	1	((("5,835,905").PN.) & (vector same frequency)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L60	4	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & scor\$5	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L61	0	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & (scor\$5 near3 sentence)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L62	0	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & (scor\$5 near3 sentence)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L63	4	((US-6029195-\$ or US-5381512-\$ or US-6507814-\$ or US-6629097-\$ or US-6701305-\$).did. or (US-20020002450-\$).did.) & (scor\$5 near4 sentence)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L64	0	("8926812").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37

## EAST Search History

L65	1	("5926812").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 14:37
L66	6	("4839853" "5778363" "5325298" "555940" "5761685" "5924105" "5926812" ).pn.	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L67	7288	(edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & ((sentence words) same (relev\$5 ran\$7 wegh\$5 scor\$4 measur\$5))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L68	5	((("4839853" "5778363" "5325298" "555940" "5761685" "5924105" "5926812" ).pn. ) & ((sentence words) same (relev\$5 ran\$7 wegh\$5 scor\$4 measur\$5))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L69	14	summarist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L70	855	((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L71	124	(((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L72	0	summarist & (((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5) ) & ((((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37

## EAST Search History

L73	1	summarist & (((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L74	1	summarist & (((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L75	0	summarist & ((((((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5)) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)) & ((text phase sentenc\$5) same summar\$5))) & @ay<="2000" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L76	4313	((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L77	1	summarist & (((document same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L78	0	"20020138528".URPN.	USPAT	OR	ON	2006/07/05 14:37
L79	0	"20020138528".URPN.	USPAT	OR	ON	2006/07/05 14:37
L80	41947	decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L81	1	summarist & (decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L82	2049	SVD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37

## EAST Search History

L83	99454	LSI	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L84	0	summarist & (SVD & LSI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L85	84	SVD & LSI	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L86	27	(SVD & LSI) & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L87	14	((SVD & LSI) & @ay<="2000") & (vector same frequency)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L88	0	((((SVD & LSI) & @ay<="2000") & (vector same frequency) ) & summarist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L89	20	((SVD & LSI) & @ay<="2000") & (document same (relev\$4 ran\$7 weigh\$5 scor\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L90	14	((((SVD & LSI) & @ay<="2000") & (vector same frequency) ) & (((SVD & LSI) & @ay<="2000") & (document same (relev\$4 ran\$7 weigh\$5 scor\$6))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L91	5	(((((SVD & LSI) & @ay<="2000") & (vector same frequency) ) & (((SVD & LSI) & @ay<="2000") & (document same (relev\$4 ran\$7 weigh\$5 scor\$6)))) & sentence\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L92	6	summarist & @ay<="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37

## EAST Search History

L93	4	(summarist & @ay<="2000") & (document same (relev\$4 ran\$7 weigh\$5 scor\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L94	0	((summarist & @ay<="2000") & (document same (relev\$4 ran\$7 weigh\$5 scor\$6))) & (vector same frequency)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L95	10	(US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/07/05 14:37
L96	6	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L97	0	((((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)))) & (frequency with term&1 with weight with vector)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L98	6	((((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)))) & frequency	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L99	4	((((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)))) & (frequency near3 vector)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37

## EAST Search History

L100	6	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)) & ((inner adj product) (dot adj product) ( vector product))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L101	6	((((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)) & ((inner adj product) (dot adj product) ( vector product))) & ((dot adj product) (inner adj product) (vector adj product))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L102	0	(((((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$). did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)) & ((inner adj product) (dot adj product) ( vector product))) & ((dot adj product) (inner adj product) (vector adj product)) with (frequency same vector))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L103	6	(((((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$). did. or (US-20020002450-\$).did.) & ((dot adj product) (inner adj product) (vector adj product)) & ((inner adj product) (dot adj product) ( vector product))) & ((dot adj product) (inner adj product) (vector adj product)) & (frequency same vector))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37

## EAST Search History

L104	2	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (local near3 global)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L105	3	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (private)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L106	2	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (private same public)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L107	10	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (normal\$6)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L108	2	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (private same public)) & (normal\$6)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L109	14	summarist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L110	3	"6317708".URPN.	USPAT	OR	ON	2006/07/05 14:37
L111	4	"6564210".URPN.	USPAT	OR	ON	2006/07/05 14:37
L112	3	"6721736".URPN.	USPAT	OR	ON	2006/07/05 14:37
L113	3	"6721736".URPN.	USPAT	OR	ON	2006/07/05 14:37
L114	3	"6721736".URPN.	USPAT	OR	ON	2006/07/05 14:37
L115	3	"6721736".URPN.	USPAT	OR	ON	2006/07/05 14:37
L116	3	"6721736".URPN.	USPAT	OR	ON	2006/07/05 14:37

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L117	3	("6353824" "6553373").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L118	84	SVD & LSI	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L119	0	(SVD & LSI ) & ((weight heuristic ranking) same (frequency same vector))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L120	0	(SVD & LSI ) & (frequency same vector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L121	13821	11& ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) same funtion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L122	0	(11& ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) same funtion) ) & ((weight heuristic ranking) same (frequency same vector))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L123	0	(11& ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) same funtion) ) & ((weight heuristic ranking) & (frequency same vector))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L124	6789	((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L125	7002	((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L126	6	(11& ((relev\$4 ran\$7 weigh\$5 scor\$6 frequency vector) same funtion) ) & (((edit\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)) & vector) & (frequency) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37



## EAST Search History

L127	41947	decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L128	42522	decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L129	6	(decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6) ) & (SVD near3 LSI )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L130	274	(decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6) ) & ((dot adj product ) (inner adj product))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L131	24	((decompo\$5 same (relev\$4 ran\$7 weigh\$5 scor\$6) ) & ((dot adj product ) (inner adj product))) & ((weight heuristic ranking) same (local\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
L132	10	(US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/07/05 14:37
L133	9	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & normaliz\$4	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L134	2	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (limit\$5 same decompo\$4)	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37

## EAST Search History

L135	4	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & ((singular adj value adj decomposition) with (matrix))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37
L136	4	((US-6029195-\$ or US-6701305-\$ or US-6611825-\$ or US-6523026-\$ or US-5619709-\$ or US-5381512-\$ or US-6629097-\$ or US-6507814-\$ or US-5835905-\$).did. or (US-20020002450-\$).did.) & (((singular adj value adj decomposition) svd) with (matrix))	US-PGPUB; USPAT	OR	ON	2006/07/05 14:37